



1 PTC/C

PATENT  
DOCKET NO.: 12219/42

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANTS : Takahiro AMANAI, et al.  
SERIAL NO. : 10/716,395  
FILED : 20 November 2003  
FOR : VIEWING OPTICAL SYSTEM AND IMAGE PICKUP OPTICAL  
SYSTEM AND APPARATUS USING THE SAME  
Patent No. : **6,836,347 B2** Issued 28 December 2004

COMMISSIONER FOR PATENTS  
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**REQUEST FOR CERTIFICATE OF CORRECTION**  
**PURSUANT TO 37 C.F.R. § 1.322**

SIR:

It is respectfully requested that the enclosed certificate of correction be issued for the above Patent under authority of 35 USC §354.

The changes represent correction of errors which occurred during printing of the patent and were not the fault of the applicants. Therefore, no fee is required.

Respectfully submitted,

  
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Dated: 03 May 2005

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UNITED STATES PATENT AND  
TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION

PATENT NO. : US 6,836,347 B2 Page 1 of 1  
DATED : 28 December 2004  
INVENTOR(S) : Takahiro AMANAI, et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

<u>Column</u>	<u>Line</u>	
3	07	Change "into-one" to --into one--.
14	46-47	Change the formula (b) to read as follows: $-Z = (Cx \cdot X^2 + Cy \cdot Y^2) / [1 + \{1 - (1 + Kx)Cx^2 \cdot X^2 - (1 + Ky)Cy^2 \cdot Y^2\}^{1/2}] + \sum Rn \{(1 - Pn)X^2 + (1 + Pn)Y^2\}^{(n+1)} \dots (b)$
21	5	Change " $D_9(3R^3 - 2R) + \cos(A) + D_{10}(3R^3 - 2R)\sin(A) +$ " to -- $D_9(3R^3 - 2R)\cos(A) + D_{10}(3R^3 - 2R)\sin(A) + --.$

MAILING ADDRESS OF SENDER: Patent No.: 6,836,347 B2

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